

Rec'd PCT/PTO 12 JAN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/008838 A2

- (51) International Patent Classification⁷: **A01F** SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/US2003/022873
- (22) International Filing Date: 22 July 2003 (22.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/398,030 23 July 2002 (23.07.2002) US
- (71) Applicant (for all designated States except US): **CARGILL, INCORPORATED** [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MEHRA, Suhas, K.** [IN/US]; 9917 Herlihy Court, Miamisburg, OH 45342 (US). **FOX, Eugene, J.** [US/US]; 6707 Morrow Drive, Dayton, OH 45415 (US). **EYAL, Aharon, M.** [IL/IL]; 16 Levy, Jerusalem (IL). **RIZOR, Michael, R.** [US/US]; 6955 Bowman Lane NE, Cedar Rapids, IA 52401 (US). **PETERS, Eugene, M., Jr.** [US/US]; 1589 Constance Ave, Kettering, OH 45409 (US). **SHANDERA, Donald, Lee, Jr.** [US/US]; 640 County Road A, Ashland, NE 68003 (US). **PARK, Ki** [US/US]; 2509 South Park Lane, Dayton, OH 45458 (US). **MARSH, Mason** [US/US]; 800 North Maple Avenue, Fairborn, OH 45324 (US). **WALSH, James, T., II** [US/US]; 301 Monteray Avenue, Dayton, OH 45419 (US).
- (74) Agent: **DEGRANDIS, Paula, A.**; Cargill, Incorporated, 15407 McGinty Road West, Wayzata, MN 55391 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declarations under Rule 4.17:**
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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- Published:**
- without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
- (54) Title: METHOD FOR PROCESSING CEREAL MATERIAL
- (57) Abstract: There is disclosed a method for processing cereal material that allows for a reduction of time required for steeping and a reduction in the number of unit operations in comparison to conventional corn wet milling. The method involves continuously and simultaneously having solvent absorbed by a cereal material and abrading the cereal material. There is disclosed also the use of products of the process in the production of fermentation feedstock. There is also disclosed use of products of the process as fermentation feedstock.

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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, LZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
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UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO
patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE,
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Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
24 June 2004

For two-letter codes and other abbreviations, refer to the "Guid-
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WO 2004/008838 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22873

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C11B 1/00

US CL : 554/12; 424/70.1; 426/622

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 554/12; 424/70.1; 426/622

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS ONLINE, EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T, &	US 6,610,867 B2 (JAKEL et al.) 26 August 2003 (26.08.2003), entire document.	1-17

☐

Further documents are listed in the continuation of Box C.

☐

See patent family annex.

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document member of the same patent family

Date of the actual completion of the international search

22 January 2004 (22.01.2004)

Date of mailing of the international search report

07 MAY 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

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